Simmons	Tauzin	Wamp
Simpson	Taylor (MS)	Waters
Skelton	Terry	Watson
Slaughter	Thompson (CA)	Watt
Smith (NJ)	Thompson (MS)	Waxman
Smith (TX)	Tierney	Weiner
Smith (WA)	Towns	Weldon (PA)
Snyder	Turner (OH)	Weller
Solis	Turner (TX)	Wexler
Spratt	Udall (CO)	Whitfield
Stark	Udall (NM)	Wicker
Stenholm	Upton	Wilson (NM)
Strickland	Van Hollen	Wolf
Stupak	Velazquez	Woolsey
Sullivan	Visclosky	Wu
Sweeney	Vitter	Wynn
Tanner	Walden (OR)	
Tauscher	Walsh	

NAYS—64

Baker	Garrett (NJ)	Radanovich
Bartlett (MD)	Goss	Rohrabacher
Barton (TX)	Hart	Sensenbrenner
Biggert	Hefley	Sessions
Blackburn	Hensarling	Shadegg
Bonner	Herger	Shimkus
Burgess	Hoekstra	Smith (MI)
Cannon	Hostettler	Souder
Cantor	Hunter	Stearns
Coble	Hyde	Tancredo
Collins	Johnson, Sam	Taylor (NC)
Crane	Jones (NC)	Thomas
Culberson	King (IA)	Thornberry
DeLay	Kingston	Tiahrt
Diaz-Balart, M.	Linder	Tiberi
Doolittle	Miller, Gary	Toomey
Dreier	Musgrave	Weldon (FL)
Duncan	Nunes	Wilson (SC)
Everett	Oxley	Young (AK)
Feeney	Paul	Young (FL)
Flake	Pence	
Franks (AZ)	Pitts	

NOT VOTING—10

Buyer	Davis (IL)	Pomeroy
Carson (OK)	DeMint	Sherman
Cubin	Fletcher	
Davis (FL)	Gephardt	

ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore (during the vote). Members are advised there are 2 minutes left in this vote.

□ 1430

Mr. TERRY changed his vote from ''nay'' to ''yea.''

So the motion to instruct was agreed to.

The result of the vote was announced as above recorded.

A motion to reconsider was laid on the table.

ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore (Mr. TERRY). Pursuant to clause 8 of rule XX, the Chair will postpone further proceedings today on motions to suspend the rules on which a recorded vote or the yeas and nays are ordered, or on which the vote is objected to under clause 6 of rule XX.

Record votes on postponed questions will be taken later.

21ST CENTURY NANOTECHNOLOGY RESEARCH AND DEVELOPMENT ACT

Mr. BOEHLERT. Mr. Speaker, I move to suspend the rules and pass the Senate bill (S. 189) to authorize appropriations for nanoscience, nanoengineering, and nanotechnology research, and for other purposes.

The Clerk read as follows:

S. 189

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the ''21st Century Nanotechnology Research and Development Act''.

SEC. 2. NATIONAL NANOTECHNOLOGY PROGRAM.

(a) NATIONAL NANOTECHNOLOGY PROGRAM.—The President shall implement a National Nanotechnology Program. Through appropriate agencies, councils, and the National Nanotechnology Coordination Office established in section 3, the Program shall—

(1) establish the goals, priorities, and metrics for evaluation for Federal nanotechnology research, development, and other activities;

(2) invest in Federal research and development programs in nanotechnology and related sciences to achieve those goals; and

(3) provide for interagency coordination of Federal nanotechnology research, development, and other activities undertaken pursuant to the Program.

(b) PROGRAM ACTIVITIES.—The activities of the Program shall include—

(1) developing a fundamental understanding of matter that enables control and manipulation at the nanoscale;

(2) providing grants to individual investigators and interdisciplinary teams of investigators;

(3) establishing a network of advanced technology user facilities and centers;

(4) establishing, on a merit-reviewed and competitive basis, interdisciplinary nanotechnology research centers, which shall—

(A) interact and collaborate to foster the exchange of technical information and best practices;

(B) involve academic institutions or national laboratories and other partners, which may include States and industry;

(C) make use of existing expertise in nanotechnology in their regions and nationally;

(D) make use of ongoing research and development at the micrometer scale to support their work in nanotechnology; and

(E) to the greatest extent possible, be established in geographically diverse locations, encourage the participation of Historically Black Colleges and Universities that are part B institutions as defined in section 322(2) of the Higher Education Act of 1965 (20 U.S.C. 1061(2)) and minority institutions (as defined in section 365(3) of that Act (20 U.S.C. 1067k(3))), and include institutions located in States participating in the Experimental Program to Stimulate Competitive Research (EPSCoR);

(5) ensuring United States global leadership in the development and application of nanotechnology;

(6) advancing the United States productivity and industrial competitiveness through stable, consistent, and coordinated investments in long-term scientific and engineering research in nanotechnology;

(7) accelerating the deployment and application of nanotechnology research and development in the private sector, including startup companies;

(8) encouraging interdisciplinary research, and ensuring that processes for solicitation and evaluation of proposals under the Program encourage interdisciplinary projects and collaborations;

(9) providing effective education and training for researchers and professionals skilled in the interdisciplinary perspectives necessary for nanotechnology so that a true interdisciplinary research culture for nanoscale science, engineering, and technology can emerge;

(10) ensuring that ethical, legal, environmental, and other appropriate societal concerns, including the potential use of nanotechnology in enhancing human intelligence and in developing artificial intelligence which exceeds human capacity, are considered during the development of nanotechnology by—

(A) establishing a research program to identify ethical, legal, environmental, and other appropriate societal concerns related to nanotechnology, and ensuring that the results of such research are widely disseminated;

(B) requiring that interdisciplinary nanotechnology research centers established under paragraph (4) include activities that address societal, ethical, and environmental concerns;

(C) insofar as possible, integrating research on societal, ethical, and environmental concerns with nanotechnology research and development, and ensuring that advances in nanotechnology bring about improvements in quality of life for all Americans; and

(D) providing, through the National Nanotechnology Coordination Office established in section 3, for public input and outreach to be integrated into the Program by the convening of regular and ongoing public discussions, through mechanisms such as citizens' panels, consensus conferences, and educational events, as appropriate; and

(11) encouraging research on nanotechnology advances that utilize existing processes and technologies.

(c) PROGRAM MANAGEMENT.—The National Science and Technology Council shall oversee the planning, management, and coordination of the Program. The Council, itself or through an appropriate subgroup it designates or establishes, shall—

(1) establish goals and priorities for the Program, based on national needs for a set of broad applications of nanotechnology;

(2) establish program component areas, with specific priorities and technical goals, that reflect the goals and priorities established for the Program;

(3) oversee interagency coordination of the Program, including with the activities of the Defense Nanotechnology Research and Development Program established under section 246 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314) and the National Institutes of Health;

(4) develop, within 12 months after the date of enactment of this Act, and update every 3 years thereafter, a strategic plan to guide the activities described under subsection (b), meet the goals, priorities, and anticipated outcomes of the participating agencies, and describe—

(A) how the Program will move results out of the laboratory and into application for the benefit of society;

(B) the Program's support for long-term funding for interdisciplinary research and development in nanotechnology; and

(C) the allocation of funding for interagency nanotechnology projects;

(5) propose a coordinated interagency budget for the Program to the Office of Management and Budget to ensure the maintenance of a balanced nanotechnology research portfolio and an appropriate level of research effort;

(6) exchange information with academic, industry, State and local government (including State and regional nanotechnology programs), and other appropriate groups conducting research on and using nanotechnology;

(7) develop a plan to utilize Federal programs, such as the Small Business Innovation Research Program and the Small Business Technology Transfer Research Program,